Abstract

Use of polysilazane for producing surfaces with hydrophobic and oleophobic properties

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The invention relates to the use of a polysilazane solution which comprises a polysilazane of the formula 1

$$\begin{array}{c|c}
 & H & H \\
 & I & I \\
 & Si - N \\
 & H & I
\end{array}$$
(I)

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where n has been adjusted so that the polysilazane has a number-average molar mass of from 150 to 150 000 g/mol, and also comprises a solvent and a catalyst, as a primer for the coating of a surface with fluorosilanes or with fluorine-containing condensates.